Message

From: Tita LaGrimas [Tita.LaGrimas@tradebe.com]

Sent: 9/18/2017 4:06:02 PM

To: Valentino, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=29ccd101653e4a5fae2273a9ae9f7bd0-MValenti]; Robert Vaughn

[Robert.Vaughn@tradebe.com]; Brian Bodnar [Brian.Bodnar@tradebe.com]; Sergio Nusimovich

[Sergio.Nusimovich@tradebe.com]

Subject: RE: Char from SDS

Sensitivity: Company Confidential

Good morning Michael,

We received your email, and will review together to get you a response.

Respectfully,

Tita

Tita LaGrimas

Executive VP of Regulatory Affairs Tradebe Environmental Services, LLC

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From: Valentino, Michael [mailto:Valentino.Michael@epa.gov]

Sent: Monday, September 18, 2017 10:56 AM

To: Tita LaGrimas; Robert Vaughn; Brian Bodnar; Sergio Nusimovich

Subject: Char from SDS **Importance:** High **Sensitivity:** Confidential

We may have already discussed this at one point, but if so, my memory fails me. I've been mulling over the formation of char from thermal desorbers (both your system and Rineco's). I understand the char (output stream that is landfilled) is a result of the heating of fiber drums and spent rags and other such carbonaceous materials fed into the system.

I do not have as much information on Rineco's former TDUs (thermal metal wash units), and so I do not know if they were operated under an inert atmosphere. Those units also produced char and combusted NCGs at the back end of the process.

PBI / Ex. 4

In Rineco, as you probably know, the Court raised concern over the amount of char produced in the TMW as being an indicator of thermal destruction of organics taking place. From what I was able to gather, Rineco's TMWs were operated at 1000+ F.

Your prompt response would be greatly appreciated,

Michael